

Greetings!

CLEO 2019 is fast approaching and we hope you'll be back in the Bay Area to catch up and see our latest ultrafast fiber laser solutions. Please stop by **Calmar Laser** booth (#1622, May 7-9th) in the San Jose Convention Center and, if you have time, come by our facilities in nearby Palo Alto.

Here's some of what we'll have on show:

The [Carmel X-series](#) is the hands down industry leader in high power compact femtosecond fiber lasers. The X-780 system has become the preferred platform for 3D nanoprinting, bio-imaging, cancer phototherapy, and metrology applications offering over a 1 W of power in a hand-held package. Please stop by our booth to see its rock-solid performance in action!

- High power (up to > 1 W)
- Ultra-short pulse widths (down to < 90 fs)
- Wavelength options of 780, 925, 1550 nm
- All air-cooled, no chiller required
- Ultra-compact laser head (up to 100x smaller than competitive systems)



[Carmel X-780](#)

And thank you for your feedback, we hear you - **fiber-delivery of ultrashort pulses** is key in enabling different biophotonics and sensing applications. **In response, we are now offering our 1550 nm Mendocino system with 1 nJ, < 100 fs pulses and a fiber delivery option of up to 6 m!** Further, our latest line of femtosecond lasers, the [Carmel F-series](#), also features fiber delivery. The Carmel F-1350 will be on display with over 100 mW of output power and the ability to deliver high peak power optical pulses directly to test components, specifically for transient current injection in the testing of integrated circuits.



[Carmel F-1350](#)

For the test and measurement sector, the latest desktop version of the [Mendocino platform](#) will be on display. With an output at [1310 nm](#) (as well as options for 850 and 1550 nm), pulse widths of < 0.3 ps, and triggering jitter as low as 200 fs, this source is perfect for telecommunication component testing and photodiode characterization.



[1310 nm Desktop Mendocino](#)



[780 nm Mendocino](#)

For the latest in laser sources for Terahertz generation, we will showcase the most recent addition to our Mendocino OEM module family. With power consumption of < 3 W, 780 nm and 1550 nm options, pulse widths as short as 90 fs, and output powers up to 100 mW, these are the perfect compact sources for integration into OEM systems.

If you don't see an ultrafast fiber laser that meets your needs, then talk to us about a customized solution.

Please stop by for more details and share your application requirements.

Regards,

Tony Lin, PhD

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